

Work Order ID 144029

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144029

Page 1

Item ID: D412-702-013 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Shoulder Harness loops over existing lap belts, 5 Man Fwd Facing
 Start Date: 4/25/2016 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 5/3/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: SJA Date: 20160330 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev N/A								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels per PPP D412-702-013 CHG002								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

MCS 1604-26

DAS
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APR 26 2016

DAS
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9-89

APR 25 2016

DAS
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9-89

DAS
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9-89

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐		Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐					
OTHER : ☐									

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Start Date: 4/25/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 5/3/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPD412-702-013								
	Location: <u>F6029</u>								
	PPP Rev: <u>F6029</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

1 DAS
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9-85 APR 26 2016

MLJ APR 26 2016

MLJ APR 26 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Work Order ID: 144029

144029

Parent Item: D412-702-013

D412-702-013

Parent Item Name: Shoulder Harness loops over existing lap belts, 5 Man Fwd Facing

Start Date: 4/25/2016

Required Date: 5/3/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevB Removed Manufacturing
 IPP Rev:C06.04.03As per DSI9324 JLM
 IPP rev D 06.12.14 per ecn 871 EC
 IPP Rev:E 07-03-14 As per DSI 9351 JLM
 IPP Rev:E 07-07-28 As per Rev E JLM Verified By:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4-13A Bolt		Purchased		No		120	Each	506.0000	4	4			
AN4-13A									**				
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					FG			20					
					122808			20					
					GA			80					
					m134167			80					
					O003			300					
					m134497			300					
					ST344			106					
					m134260			106					
D3195-041 Bracket		Manufactured		No		120	Each	2.0000	2	2			
D3195-041									**				
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST021			2					
					135729			2					
D3195-043 Bracket		Manufactured		No		120	Each	3.0000	2	2			
D3195-043									**				
					<u>Location</u>			<u>Loc Qty</u>		<u>Loc Code</u>			
					ST021			3					
					135730			3					

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Work Order ID: 144029

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Parent Item: D412-702-013

D412-702-013

Parent Item Name: Shoulder Harness loops over existing lap belts, 5 Man Fwd Facing

Start Date: 4/25/2016

Required Date: 5/3/2016

Start Qty: 1.00

Required Qty: 1.00

D3196-1 Manufactured No 120 Each 3.0000 1 1

D3196-1

Bar

**

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DAS 27 9-89

Location

Loc Qty

Loc Code

ST256

3

135581

3

D3197-041 Manufactured No 120 Each 1.0000 2 2

D3197-041

Bar

**

143843

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DAS 27 9-89

Location

Loc Qty

Loc Code

ST256

1

137480

1

D3215-041 Manufactured No 120 Each 4.0000 10 10

D3215-041

Harness Assembly

DAS 27 9-89

Location

Loc Qty

Loc Code

ST464

4

139637

4

D3268-1 Manufactured No 120 Each 7.0000 2 2

D3268-1

Placard

**

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Location

Loc Qty

Loc Code

ST028

7

135643

7

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Work Order ID: 144029

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Parent Item: D412-702-013

D412-702-013

Parent Item Name: Shoulder Harness loops over existing lap belts, 5 Man Fwd Facing

Start Date: 4/25/2016

Required Date: 5/3/2016

Start Qty: 1.00

Required Qty: 1.00

D3546-1

Manufactured No

120

Each

18.0000

2

2

D3546-1

Clip

DAS
27
9-89

Location

Loc Qty

Loc Code

ST042

8

118984

8

ST051A

10

127598

10

D3551-11

Manufactured No

120

Each

15.0000

5

5

D3551-11

Hook And Loop Tie

DAS
27
9-89

Location

Loc Qty

Loc Code

ST416

15

135736

5

140754

10

D412-702-069

Manufactured No

120

Each

6.0000

1

1

D412-702-069

Grommet

DAS
27
9-89

Location

Loc Qty

Loc Code

PKg015a

6

121269

6

MS24694-S152

Purchased No

120

Each

30.0000

2

2

MS24694-S152

Screw

DAS
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Location

Loc Qty

Loc Code

ST282

30

m133011

30

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Shop Packet Print

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Work Order ID: 144029

144029

Parent Item: D412-702-013

D412-702-013

Parent Item Name: Shoulder Harness loops over existing lap belts, 5 Man Fwd Facing

Start Date: 4/25/2016

Required Date: 5/3/2016

Start Qty: 1.00

Required Qty: 1.00

MS24694-S154

Purchased

No

120

Each

45.0000

2

2

MS24694-S154

Screw

Location

Loc Qty

Loc Code

ST282

45

m133134

15

m134055

30

DAS

8

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DAS

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DAS
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9-89

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6.0 PARTS LISTS

QTY -011	QTY -013	QTY -015	QTY -017	QTY -019	Part Number	Description
X					D412-702-011	Dart 13-Man Shoulder Harness Kit
	X				D412-702-013	Dart 5-Man Forward Facing Shoulder Harness Kit
		X			D412-702-015	Dart 4-Man Aft Facing Shoulder Harness Kit
			X		D412-702-017	Dart 4-Man Side Facing Shoulder Harness Kit
				X	D412-702-019	Dart 1-Man Forward Facing Shoulder Harness Kit
1	1		1	1	D412-702-069	GROMMET KIT
2	2				D3195-041	BRACKET
2	2				D3195-043	BRACKET
1	1			1	D3196-1	BAR
1			1		D3196-3	BAR
1			1		D3196-4	BAR
2	2				D3197-041	BAR
4		4			D3198-1	FITTING
18	10		8	2	D3215-041	HARNESS ASSEMBLY
4		4			D3215-043	HARNESS ASSEMBLY
2	2				D3268-1	PLACARD
13	5	4	4	1	D3551-11	HOOK AND LOOP TIE
2	2				D3546-1	CLIP
4		4			AN4-5A	BOLT
4	4				AN4-13A	BOLT
8		8			AN4-20A	BOLT
20		20			AN960JD416	WASHER (OR NAS1149D0463J)
12		12			MS21042L4	NUT (OR MS21042-4)
8	2		6	2	MS24694-S152	SCREW
8	2		6	2	MS24694-S154	SCREW

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Revision: A

Date: 10.12.01